Alibaba Cloud | SAP

Build Next Gen Enterprise Software Applications on Cloud

SAP S/4HANA on Alibaba Cloud

IN INDONESIA
FOR INDONESIA

SAP made announcement that the SAP ERP Central Component (ECC) systems – which was firstly introduced in 2004 - would no longer be supported beyond 2025. All existing SAP ECC customers have to migrate their systems to the next generation business suite - SAP Business Suite 4 SAP HANA (hereafter SAP S/4HANA) before the deadline. There are a few options to fulfil the migration , and they are:

On-premise

Public Cloud

SAP HANA Enterprise Cloud

Why Alibaba Cloud

Alibaba Cloud provides on-demand infrastructure with high availability that supports Bring Your Own License (BYOL) model for SAP HANA. In Indonesia, Alibaba Cloud is the best service provider for companies to run the SAP-powered OLTP and OLAP enterprise workloads on public cloud.

- Full-fledged cloud service provider with local data centers in Indonesia
- Certified SAP HANA high-performance compute instances
- Dedicated local technical capabilities for running SAP workloads on Cloud

Alibaba Cloud Competitive Advantage in Indonesia

Low TCO
- 5 year TCO 10-15% lower than On-prem
- Competitive pricing on network connections

High Availability
- Multi-AZ Infra to support high availability and disaster recovery
- High data availability with 3 copies of all data stored in the same DC

Eco System
- Strong partnership with SAP Gold partners in Indonesia
- Fast response time and service provision

Certification/Solutions
- NetWeaver
- HANA
- MaxDB / MSSQL / ASE / DB2
- Business One
- Hybrid Backup Recovery

Performance
- Two local data centers with latest network technology
- ESSD Cloud Disk with max. 1,000,000 IOPs
- Enhanced compute performance powered by 2nd generation Intel Cascade Lake CPU

Security
- Various approaches for network connection such as IPsec VPN and lease line
- Built-in security functions such as firewall and anti-DDoS

Scenarios of Running SAP Applications on Alibaba Cloud

New Deployment
- New business requirement
- New SAP product

Migration to Cloud
- Huge historical data volume
- HW is end of life
- Lengthy and costly HW procurement
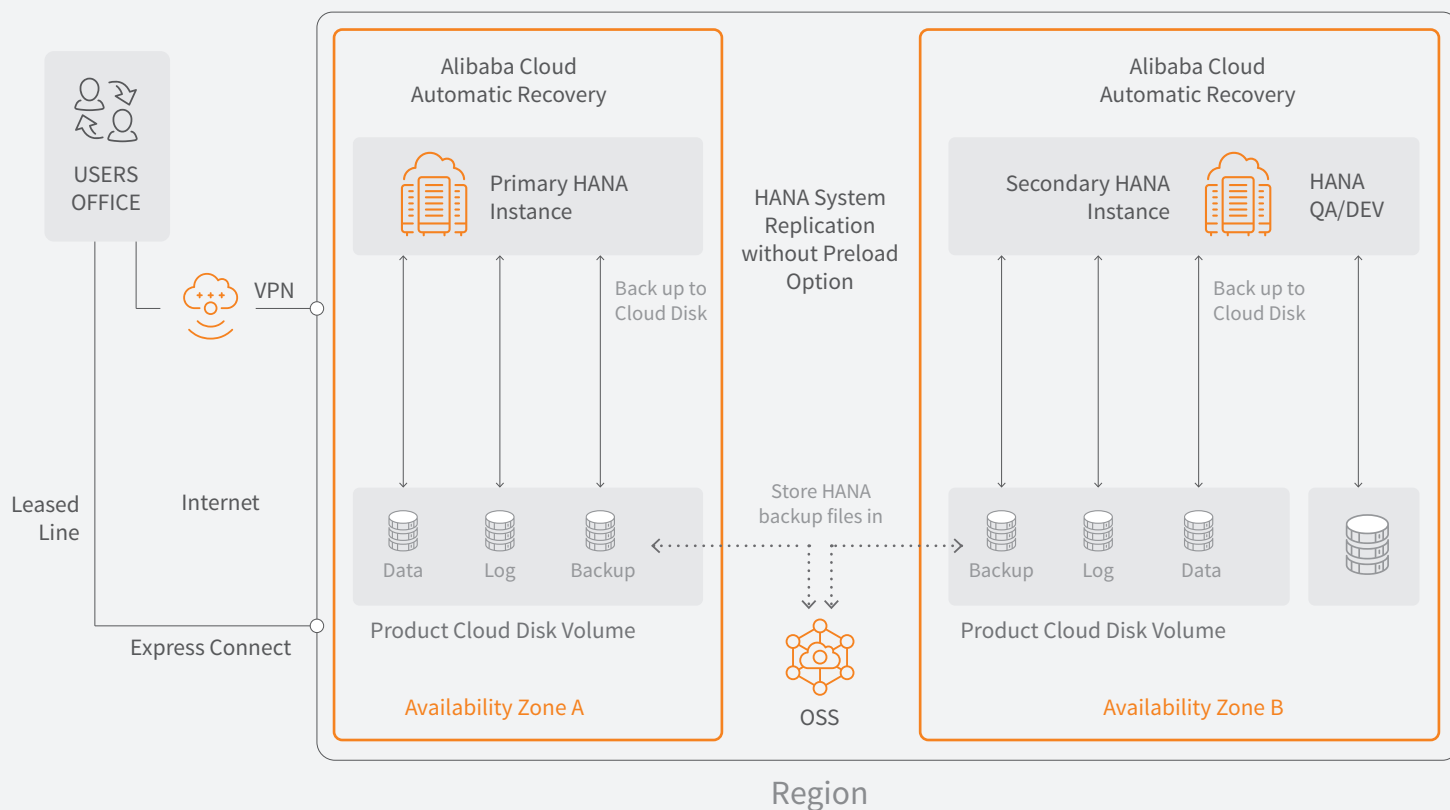- Upgrade to SAP S/4 HANA

Non-production to Cloud
- Target at existing system
- Hybrid cloud architecture

Disaster Recovery on Cloud
- A must-have function by most SAP users
- Lower TCO
- Prepare for production migration

SAP HANA on Alibaba Cloud Architecture Diagram

USERS OFFICE

VPN

Leased Line

Internet

Express Connect

Alibaba Cloud Automatic Recovery

Primary HANA Instance

Back up to Cloud Disk

Data | Log | Backup

Product Cloud Disk Volume

Availability Zone A

HANA System Replication without Preload Option

Store HANA backup files in

OSS

Alibaba Cloud Automatic Recovery

Secondary HANA Instance

HANA QA/DEV

Back up to Cloud Disk

Backup | Log | Data

Product Cloud Disk Volume

Availability Zone B

Region

Alibaba Cloud migration tool:
P2V / V2V

SAP migration tools:
SWPM / DMO

Partner migration tools:
e.g Crystal Bridge

Globally interconnected network gurantees end-end data transfer

Customer Story

ADIRA
FINANCE

Established in 1990, PT Adira Dinamika Multi Finance Tbk (Adira Finance) is a leading Indonesia-based multi-finance company primarily engaged in provisioning consumer financing for either used or new motorcycles and cars. The company has close to 600 branches across Indonesia, over 21,000 employees, serving more than 3 million customers.

Industry:
Financial Services

Country:
Indonesia

Business Requirements/ Operational Pain Points

The finance industry in Indonesia has been undergoing dramatic changes with the emergence of numerous fintech startups. In response to intense competition and the growing number of mobile users, Indonesian finance companies have been shifting its focus on digital transformation in various fronts, including new mobile applications, omnichannel customer support, and customer insights.

With almost 30 years of business in operation, Adira Finance is running a large number of self-contained IT applications and systems in its own data centers. With the efforts of modernizing the people, process, and technology, Adira Finance aims to achieve the following business outcomes:

- Improved customer experiences
- Increased speed to market
- Operating stability and security
- Data-driven insights

Build New Database on SAP HANA

In recent years, along with the business growth and team expansion, the company is looking to build and scale out more applications such as Enterprise Resource Planning (ERP) and Human Capital Management (HCM). Due to SAP's position as a leader in the ERP market and broad adoption by traditional enterprises in Indonesia, Adira Finance first chose to run the two applications on SAP. When it comes to deployment approach, the team began to evaluate the feasible options including on-premises, public cloud, and SAP Enterprise Cloud with three major considerations – **scalability, agility, and cost-saving.**

Choose Alibaba Cloud to Host SAP HANA

Before the implementation of SAP HANA, Adira Finance had already engaged with Alibaba Cloud as it underwent a broader organizational digital transformation. The IT team and line-of-business have strong confidence in Alibaba Cloud, given the strong presence and experience in Indonesian as well as proven technical capabilities for running large-scale SAP workloads. Therefore, Alibaba Cloud would be an excellent partner to host the development environment of both ERP and HCM applications. Key products/services deployed for SAP HANA are as follows.

- Certified Elastic Compute Service (ECS) R5 instances, which is designed for running high-performance databases and in-memory workloads like SAP S/4 HANA
- Hybrid Backup and Disaster recovery to backup SAP S/4 HANA across availability zones
- A private network connection (Express Connect) between customer premises to Alibaba Cloud Data Center

Achieve Robust Business Benefits

Shortens the provision time with less than two weeks

Proven cost-saving and efficiency with robust SLA

Modernizes tech infrastructure from on-premise into the hybrid model

Achieves faster processing time and secured private connection

Uses right-fit instances designed memory-intensive workloads

For More Information

To learn more about the Alibaba Cloud solutions featured in this case study, scan the QR code below and visit the following websites:

Alibaba Cloud for SAP

Alibaba Cloud Elastic Compute Service

Alibaba Cloud Hybrid Backup Recovery

Alibaba Cloud Express Connect

Contact Us

Email –
sales.support@alibabacloud.com

Address –
#23-01, The Capital Place Jakarta
Jl. Gatot Subroto No.Kav 18, Kuningan Barat, Jakarta 12710.

www.alibabacloud.com